

**ABSTRACT**

[0100] A refrigerated oven comprising a cooking chamber in which is provided a heating elements and a refrigeration unit chamber in which is provided a refrigeration unit. The refrigeration unit is fluidly connected to the cooking chamber. Both the heating element and the refrigeration unit are selectively operable to either cool or heat the cooking chamber to thereby cool or heat a food item located therein. The refrigeration unit as preferably modular refrigeration unit that the slid into and out of the refrigeration unit chamber. Preferably, the refrigeration unit includes an evaporator that is thermally isolate is from a condenser. The condenser as preferably conductively coupled to a base supporting the elements of the modular refrigeration unit.